

PAT-NO: JP362169032A

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TITLE: PRESSURE DETECTOR AND ASSEMBLING THEREOF

PUBN-DATE: July 25, 1987

INVENTOR-INFORMATION:

NAME

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INT-CL (IPC): G01L009/00

ABSTRACT:

PURPOSE: To detect the pressure and temperature at a high accuracy, by placing a pressure sensor element in a refrigerant pipe line together with a substrate for electric connection while it is electrically insulated from the outside of the piping with a glass terminal or the like with an output thereof to take outside properly.

CONSTITUTION: A pressure sensor element 2 is placed in a refrigerant pipe 1 with a lead pipe 3 downward. An electric lead from the pressure sensor element 2 is connected to a substrate 4 by soldering. In addition, a conductor support lead bar 5 is stick out being pressure sealed while being insulated from a pressure resistant cap 7 by glass mold 6 and for example, connected to an electric circuit section 8 such as amplification circuit. An electric output from this area is obtained through vinyl electric wire 9 or the like. And these components are housed into a case 10.

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